

AMENDMENTS

To the Claims:

In the Claims

In accordance with the rejections of the examiner in Paragraphs 2-6, Claims 1 and 2 are amended as indicated below:

1. (Second Amended) A foam marking attachment device attaching to a chemical boom sprayer apparatus having a right arm and a left arm, the chemical boom sprayer apparatus mounted on a farm or garden tractor operating on a ~~low voltage~~ DC electrical system, said attachment marking a right or left outer boundary of a treated area of said chemical boom sprayer apparatus, comprises:

a three way power switch attached to said ~~low voltage~~ DC electrical system of said farm or garden tractor;

two air compressors attached to said three way power switch by low voltage electrical wiring;

air lines having a check valve and a regulator connected to each said air compressor;

a foam header attached to each said air line, said foam headers having an inlet chuck receiving compressed air from said air line into a hollow central tube;

a foaming solution bottle attaching to each said foam header, said foaming solution bottle having a bottom and containing a foaming solution, with said central tube from said foam header extending to said bottom of said foaming solution bottle when said foam header is attached to said foaming solution bottle, the compressed air passing through said foaming solution creating a foam within said foaming solution bottle within a headspace above said foaming solution;

an outlet chuck on each said foam header integrating with said headspace providing an outlet for said foam;

a foam tubing attached to each said outlet chuck, one said foam tubing attached to said right arm of said boom sprayer apparatus and the other said foam tubing attached to said left arm of said boom sprayer; and

a vertical drop tube connecting to each said foam tube from which said foam is dispensed, said vertical drop tube extending below said boom sprayer above said treated area, wherein the three way switch allows for application of the foam to be dispensed to either said right or left outer boundary by activating one of said two air compressors which generates and delivers foam to said corresponding drop tube attached to the right arm or left arm of said boom sprayer apparatus.

2. (Second Amended) A foam marking attachment device attaching to a chemical boom sprayer apparatus having a right arm and a left arm, the chemical boom sprayer apparatus mounted on a farm or garden tractor operating on a ~~low voltage~~ DC electrical system, said attachment marking a right or left outer boundary of a treated area of said chemical boom sprayer apparatus, comprises:

a three way power switch attached to said ~~low voltage~~ DC electrical system of said farm or garden tractor;

a right air compressor attached to said three way power switch by low voltage electrical wiring;

a right air line having a check valve and an air regulator;

a right foam header attached to said right air line, said right foam header having an inner threaded bottle engaging cap, an inlet chuck and an outlet chuck;

a foaming solution bottle having an upper threaded neck and a bottom, said upper threaded neck threadably attached to said bottle engaging cap, said foaming solution bottle containing a foaming solution with a headspace above said foaming solution

within each foaming solution bottle, wherein said bottle engaging cap further includes a hollow central tube extending to said bottom of said foaming solution bottle, said central tube connecting to said inlet chuck by an inlet channel in said bottle engaging cap, with said outlet chuck connected to an outlet channel integrating with said headspace above said foaming solution;

a length of foam tubing connected to said outlet chuck extending along said right arm of said boom sprayer apparatus, said length of foam tubing having a restricted right angled elbow connected to a vertical drop tube from which foam is dispensed, said drop tube extending below said right arm of said boom sprayer apparatus above said right outer boundary of said treated area; and

a left air compressor attached to said three way power switch by low voltage electrical wiring;

a left air line having a check valve and an air regulator;

a left foam header attached to said left air line, said left foam header having an inner threaded bottle engaging cap, an inlet chuck and an outlet chuck;

a foaming solution bottle having an upper threaded neck and a bottom, said upper threaded neck threadably attached to said bottle engaging cap, said foaming solution bottle containing a foaming solution with a headspace above said foaming solution within each foaming solution bottle, wherein said bottle engaging cap further includes a hollow central tube extending to said bottom of said foaming solution bottle, said central tube connecting to said inlet chuck by an inlet channel in said bottle engaging cap, with said outlet chuck connected to an outlet channel integrating with said headspace above said foaming solution;

a length of foam tubing connected to said outlet chuck extending along said left arm of said boom sprayer apparatus, said length of foam tubing having a restricted right angled elbow connected to a vertical drop tube from which foam is dispensed, said drop tube extending below said left arm of said boom sprayer apparatus above said left outer boundary of said treated area, wherein said three way switch allows for said foam to be dispensed to either said right or left outer boundary by activating either said right air compressor or said left air compressor generating and delivering said foam to said corresponding drop tube attached to the right arm or left arm of said boom sprayer apparatus.

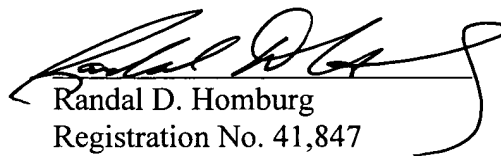
3. (Withdrawn)

The above amendments to Claims add no new matter to the invention and are made to be place in conformity with the rejections of the Examiner in the Office Action. Applicant respectfully requests more than the customary cursory ten day review to address the new issues raised by the Examiner and reconsideration into withdrawal of the rejections to advance this application to allowance and issue, especially in light of the amendments made to Claims 1 and 2. Such amendments should thus place the amended claims in proper form for allowance and overcome the rejections of the Examiner.

CONCLUSION

The applicant submits that the above-noted amendments and remarks put the application in condition for allowance. Said Claims have been rewritten and the amendments made as noted. Applicant therefore respectfully requests that the Examiner withdraw the outstanding objections and rejections contained in the Office Action of April 22, 2005, and pass this application to issue. Applicant expresses their appreciation to the Examiner for Examiner's attention and courtesy.

Respectfully submitted;



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